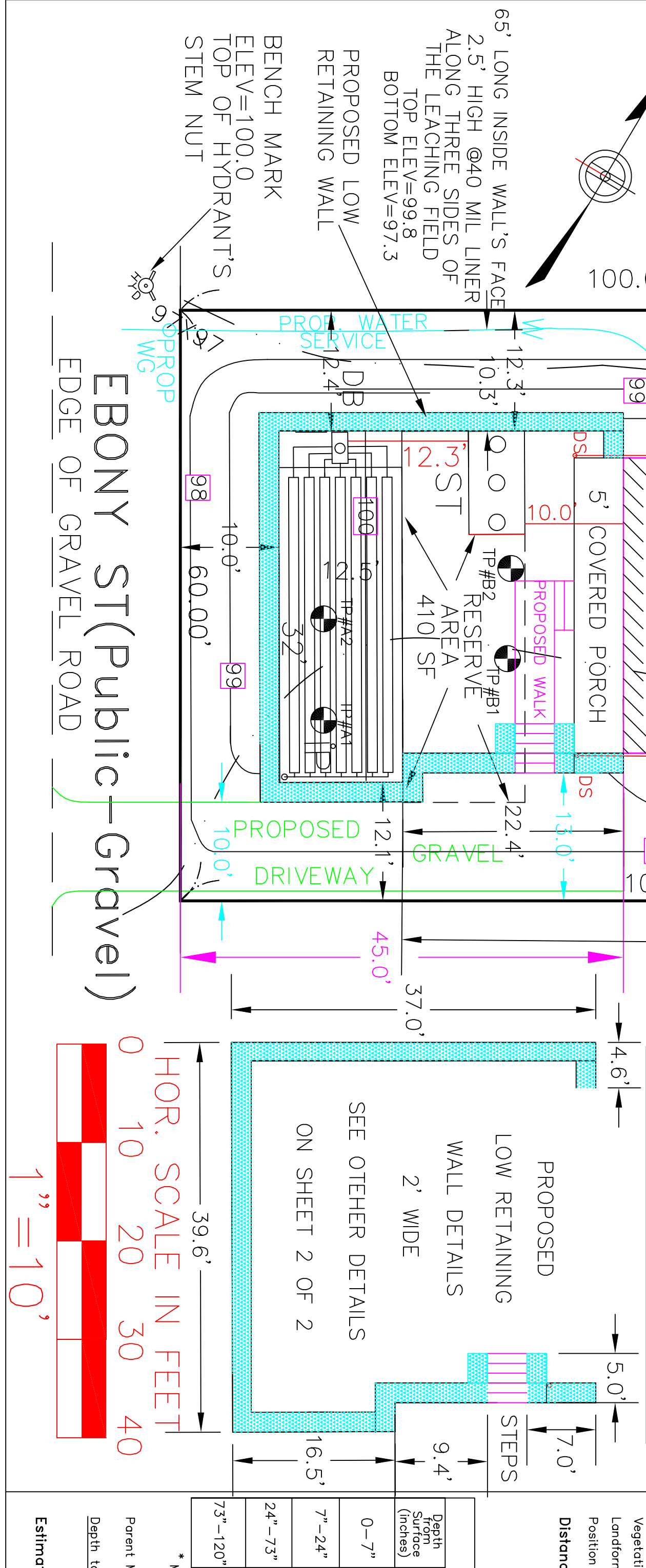


Percolation Test *

Date: SEPTEMBER 16, 2025	Time: 8:15 AM
Observation Hole #	A1
Depth of Perc	24\"/>
Start Pre-soak	8:15 AM
End Pre-soak	8:30 AM
Time at 12\"/>	8:30 AM
Time at 9\"/>	8:45 AM
Time (9\"-6\")	20 MINUTES
Rate Min./Inch	7 MPI
	8 MPI

LEGEND:

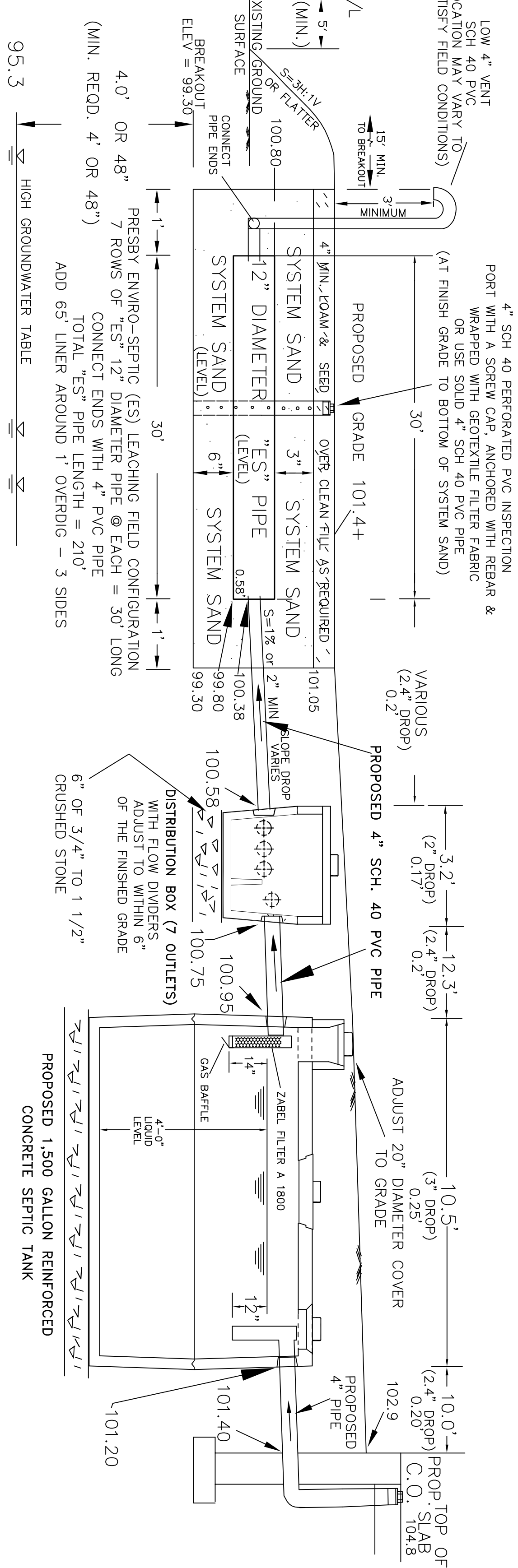
- 98 --- EXISTING GRADE
- 100 --- PROPOSED GRADE
- TEST PIT
- SEPTIC TANK
- DISTRIBUTION BOX
- WETLAND
- WETLAND FLAG



GENERAL NOTES

- THE SANITARY SYSTEM CONSTRUCTION SHALL BE IN CONFORMANCE WITH 310 CMR 11.00-17.00 (TITLE V OF THE COMMONWEALTH OF MASSACHUSETTS ENVIRONMENTAL CODE), AND THE REQUIREMENTS OF FAIRHAVEN BOARD OF HEALTH.
- PROVIDE A NEW 1,500 GALLON CAPACITY SEPTIC TANK WITH SCHEDULE 40 PVC INLET AND OUTLET TEES, WITH A GAS BAFLE AND ZABE A 1800 TYPE FILTER AT OUTLET TEE - CLEAN FILTER REGULARLY.
- NO CARBIDE GRINDER SHALL BE ALLOWED WITH THIS SYSTEM & NO WATER FILTRATION SYSTEM BACKWASH (SOFTNER) SHALL BE DISCHARGED IN THIS SYSTEM. EFFLUENT FROM THE WASHING MACHINE SHALL BE CONNECTED TO THIS SYSTEM. ALL PIPING PERFORATED OR SMOOTH SHALL BE 4\"/>
- THE INSTALLED SYSTEM MUST BE LEFT EXPOSED UNTIL INSPECTED BY FAIRHAVEN BOARD OF HEALTH.
- ELEVATIONS SHOWN ON THIS PLAN ARE ASSUMED. BENCH MARK ELEVATION IS 100.00.
- THE LEACHING AREA INCLUDING OVERDIG AREA MUST BE STRIPPED OF TOPSOIL, SUBSOIL, SPOILED, AND UNDESIRABLE MATERIAL TO ELEVATION 94.3 OR AS DIRECTED BY THE BOARD OF HEALTH AGENT, AND BACKFILLED WITH CLEAN COARSE SAND WITH A PERCOLATION RATE OF 2 MINUTES PER INCH OR LESS.
- THE FINISHED COMPONENT SHALL NOT BE STEEPER THAN 3H:1V.
- ALL SYSTEM COMPONENTS SHALL BE MARKED WITH MAGNETIC/TRACING MARKING TAPE.
- GROUT IS TO BE USED AT ALL POINTS WHERE PIPES ENTER OR LEAVE ALL CONCRETE STRUCTURES IN ORDER TO PROVIDE A WATERTIGHT SEAL.
- IT IS RECOMMENDED THAT THE SEPTIC TANK BE PUMPED YEARLY OR NO MORE THAN 2 YEARS.
- IN THE DISTRIBUTION BOX, THE OUTLET DISTRIBUTION LINES SHALL BE LEVEL FOR A MINIMUM OF THE FIRST TWO FEET OF THEIR LENGTHS.
- SEPTIC TANK SHALL BE A MINIMUM OF 10' FROM PROPERTY LINE, WATER LINE & FOUNDATION WALL.
- THE EDGE OF LEACHING FIELD SHALL BE A MINIMUM OF 10' FROM PROPERTY LINE & WATER LINE.
- FROM FOUNDATION WALL - HOUSE ON SLAB WITH NO BASEMENT.
- ISOLATED VEGETATED WETLAND IS PRESENT ON ADJACENT LOTS. IT WAS RE-FLAGGED BY ENVIRONMENTAL CONSULTING & RESTORATION, LLC (ECR) ON NOVEMBER 20, 2025. THE FLAGS ARE SHOWN ON THE PLAN.
- THE OUTLET OF THE DISTRIBUTION BOX MUST BE SET AT LEAST 2 INCH ABOVE THE HIGHEST INLET OF THE "ES" ROW, WITH THE CONNECTING PIPE SLOPE NOT LESS THAN 1% (APPROX 1/4\"/>
- THE SYSTEM SAND MUST BE CLEAN, GRANULAR SAND FREE OF ORGANIC MATERIAL AND MUST ADHERE TO ASTM C-353 PROVIDING THAT NO MORE THAN 5% CAN PASS A #200 SIEVE PER REQUIREMENTS OF ASTM C-1171.
- ANY PRIVATE SEPTIC SYSTEM IS NOT LOCATED WITHIN THE CONE OF INFLUENCE OF ANY MUNICIPAL WELL NOR ARE THERE 16. ANY PRIVATE WELLS LOCATED WITHIN 150 FEET RADIALLY OF THE PROPOSED SYSTEM. ALL TOWN SUPPLIED WATER.

PROFILE

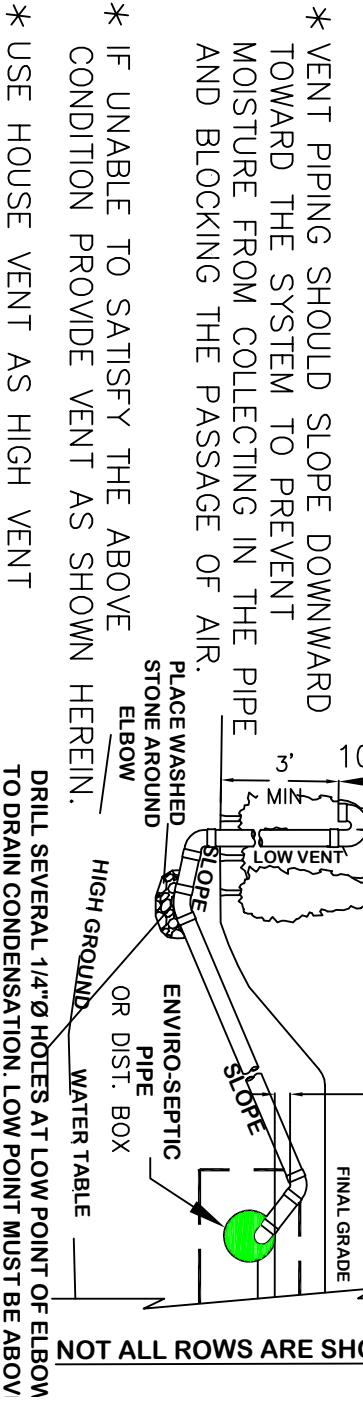


PERCOLATION TEST RESULTS

LOCATION: EBONY STREET, ASSESSORS MAP 43A, LOT 322, FAIRHAVEN MA 02719
TEST HOLES TAKEN ON SEPTEMBER 16, 2025, BY GEORGE AYOUB WITNESSED BY: DAVID FLAHERTY, BOH
PERCOLATION RATE AT TP #A1 = 7 MPI & AT TP #B1 = 8 MPI
DEPTH OF TESTED MATERIAL AT TP #A1 = 42\"/>

MINIMUM LENGTH REQUIRED = 210 L.F. PIPE LENGTH PROVIDED = 210 L.F.
USE SEVEN (7) ROWS @50\"/>

VENT PIPING SLOPE:



2 ND REVISION
DECEMBER 22, 2025

DATE: SEPTEMBER 23, 2025
REVISED: OCTOBER 23, 2025
2 ND REVISION: DECEMBER 22, 2025
SCALE: AS NOTED

CONTACT PERSON: GEORGE T. AYOUB, PE, LIST
818 MONTGOMERY ST.
FALL RIVER, MA 02720
PH: (508) 674-4128

FOR: RELENTLESS REAL ESTATE GROUP LLC

ASSESSOR'S MAP 43A LOT 322

EBONY STREET

FAIRHAVEN, MA 02719

SUBSURFACE SEWAGE DISPOSAL SYSTEM

SHEET 1 OF 2